

BICYCLE POWER.

harnessing the power of humans

ready-to-go models for sale



300 Watt Bicycle Generator 3/8" Belt Drive Pedal Power Pulley Dynamo

by [MNS Power](#)

★★★★★ ☒ (2 customer reviews) |  Like (2)

List Price: ~~\$268.12~~

Price: **\$219.00**

You Save: **\$49.12 (18%)**

In Stock.

Ships from and sold by [Pedal Power Generators](#).

Only 11 left in stock--order soon.

2 new from \$219.00

[See larger image and other views](#)



[Share your own customer images](#)

Save

Save on Thousands of Deals in Sports & Outdoors

Find great deals on [thousands of products](#) in Sports & Outdoors, including fit equipment, camping gear, MLB apparel, athletic and outdoor clothing, and more. Save up to 50% and get FREE Super Saver Shipping and Amazon Prime on qualifying orders. [Shop now.](#)

Human power

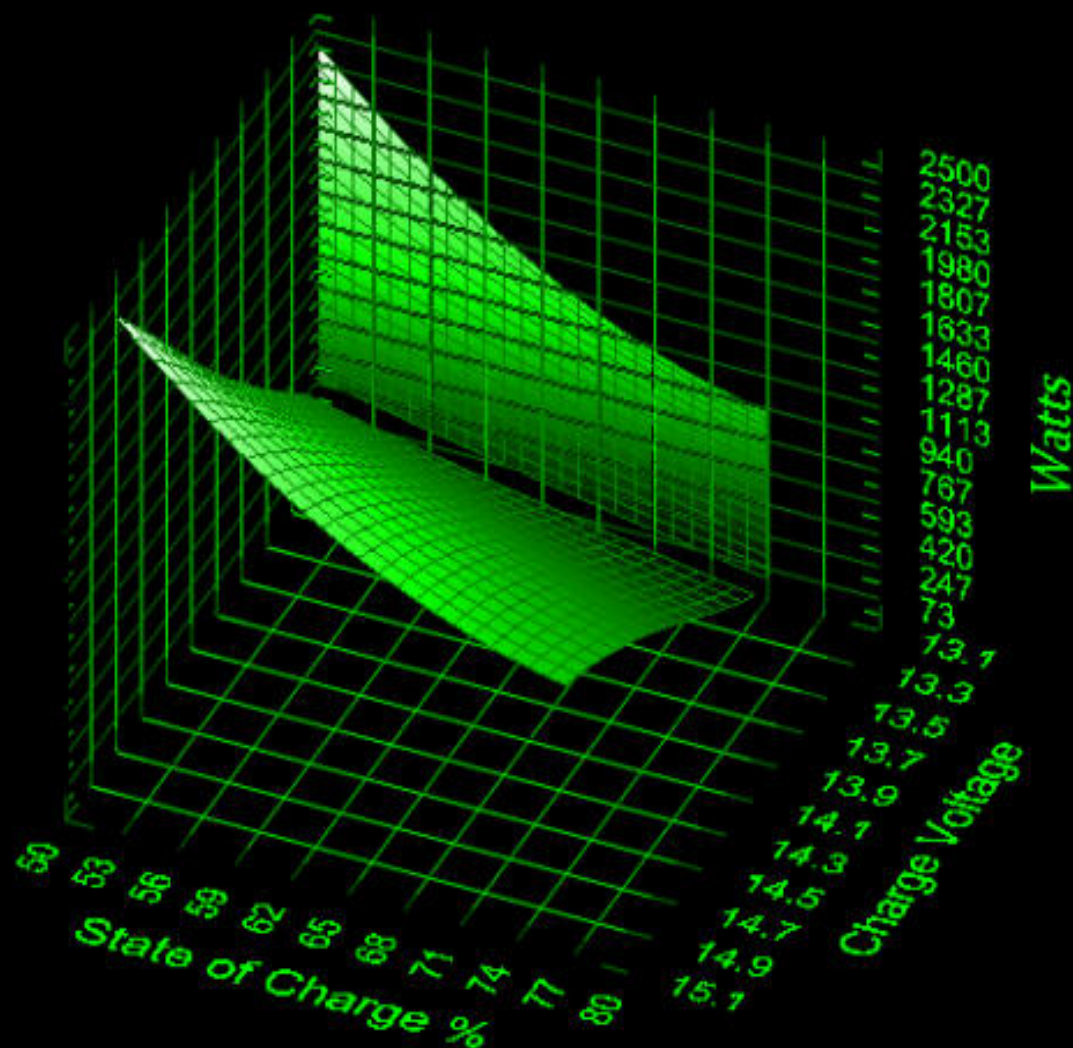
- A typical adult can sustain 50-100 Watts for an hour. So a typical car battery (1200 Watt-hours) can be fully charged from empty in 10-20 hours.

car batteries

- Typically put out 100 amp-hours at 12-14.5V
- (\sim 1200 Watt-hours)

Typical Wattage Required of Your Bicycle Generator vs. State of Charge & Your Charge Voltage.

(Based on a 100 Amp Hour Lead Acid Battery)

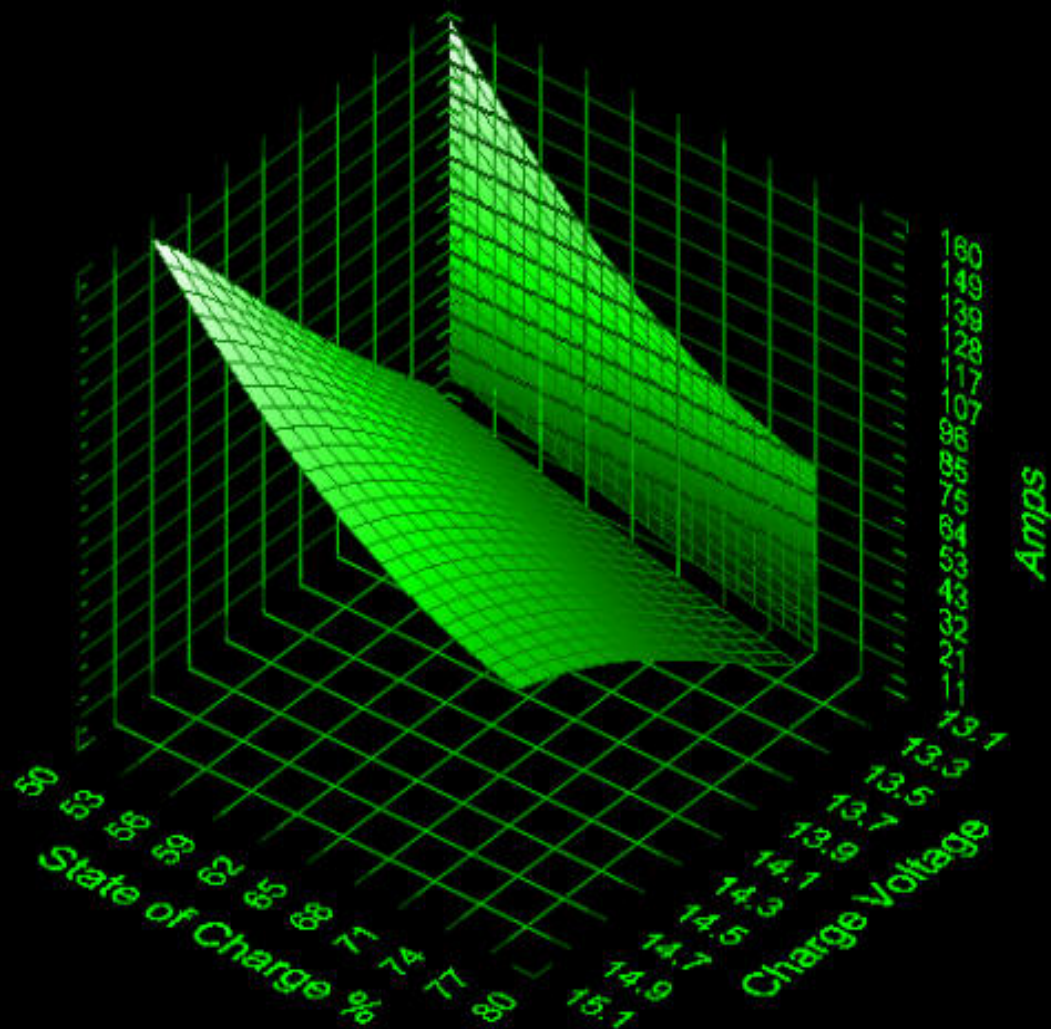


Copyright © 2007 pedalpowergenerator.com

Data used with permission from <http://sterling-power.com>

Typical Charge Current You'll See Vs. State of Charge & Your Charge Voltage.

(Based on a 100 Amp Hour Lead Acid Battery)

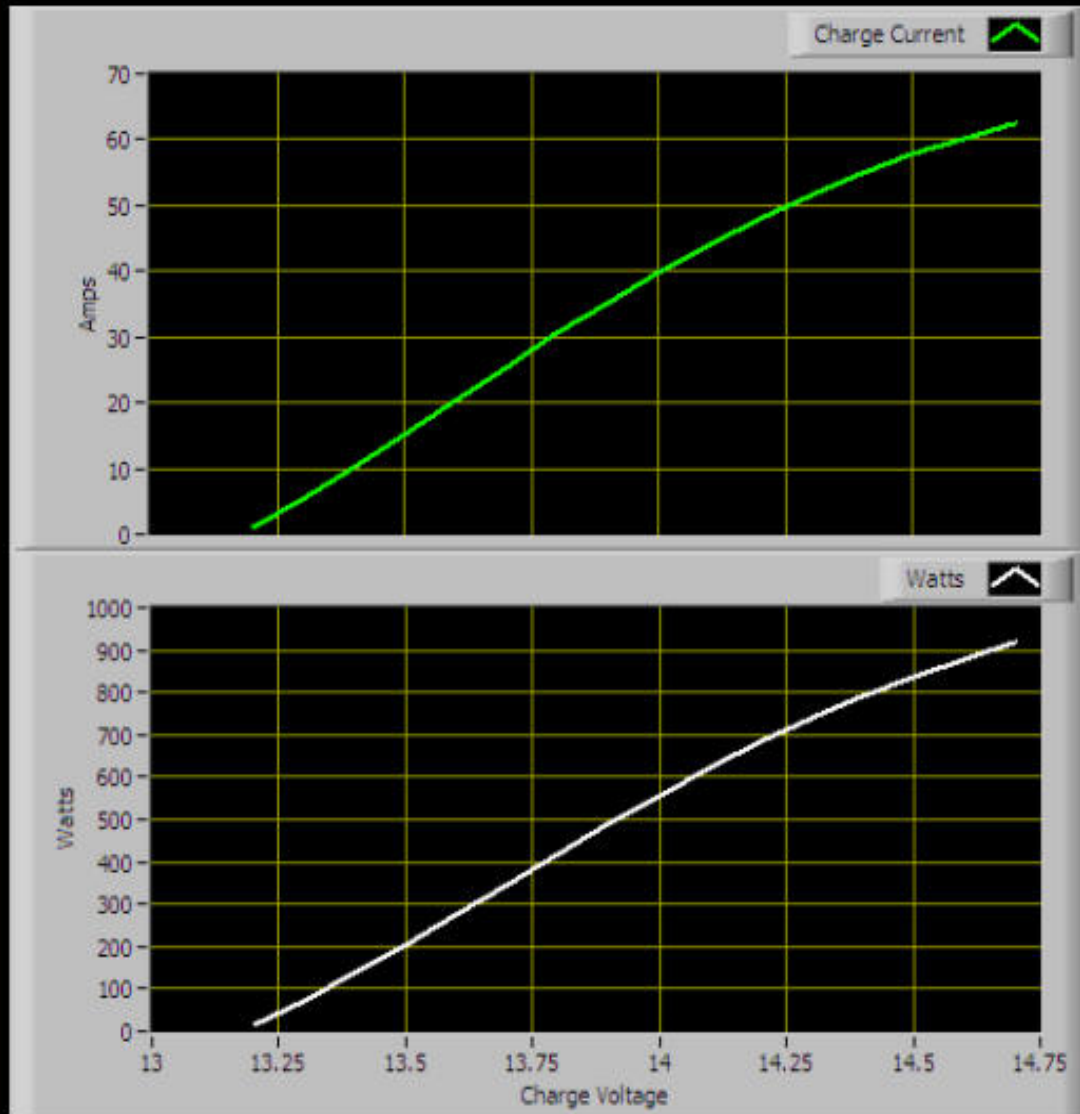


Copyright ©2007 pedalpowergenerator.com

Data used with permission from <http://sterling-power.com>

Typical Amps and Watts at 75% State of Charge VS Charge Voltage

(Assuming a 100 Amp Hour Lead Acid Battery)



Copyright ©2007 pedalpowergenerator.com
Data used with permission from <http://sterling-power.com>

benefits of bicycle power

- Can be stored and used indoors, behind locked doors
- Requires users to work for the energy, helping them appreciate it
- Bicycles are very maintainable, even in developing countries
- Relatively few parts
- Robust design
- transportable
- Easily multiplied to meet the needs (2 or 3 bicycles etc.)

costs of bicycle power